

ABSTRACT OF THE DISCLOSURE

A coating composition includes at least one oligomer including a polyol soft block having a number average molecular weight of more than about 4000, and at least 5 one reactive monomer. The cured coating composition has a tensile strength of at least about 0.85 MPa and a Young's Modulus of less than about 1.3 MPa. The invention further includes an optical fiber having a primary coating layer with the aforementioned coating composition and a method for coating the optical fiber.